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PERU.

Report from Callao—Status of plague—Vaccination of emigrants for the Canal Zone—Inspection of vessels—Case of plague from accidental inoculation—Disinfection of baggage—Results of vaccination on steamship Limari negative.

Assistant Surgeon Lloyd reports, April 10, as follows:

Week ended April 2, 1905.

PLAGUE.

| | New cases. | Died. | Recovered. | Remaining. |
|-----------------|------------|-------|------------|------------|
| Chiclayo..... | 7 | 4 | 4 | 24 |
| Eten..... | 1 | 0 | 0 | 2 |
| Lambayeque..... | 1 | 0 | 0 | 7 |
| Huanchaco..... | 0 | 0 | 2 | 2 |
| Chepin..... | 3 | 3 | 1 | 0 |
| San Pablo..... | 0 | 1 | 0 | 0 |
| Mollendo..... | 16 | 3 | 0 | 50 |
| Callao..... | 0 | 0 | 0 | 0 |
| Lima..... | 1 | 2 | 2 | 3 |
| Total..... | 29 | 13 | 9 | 88 |

During the month of March 130 persons were vaccinated for the Canal Zone, and in addition 14 certificates of vaccination were issued. Seven vessels were granted bills of health after the usual inspection, fumigation, disinfection of baggage, etc.

A senior student in the medical college at Lima accidentally inoculated himself while assisting at a necropsy of a case of plague on April 1, and developed the disease on April 7. Though seriously ill it is hoped that he will recover. It may be noted that there is no prejudice here against the use of sera in the treatment of this disease, and it is not uncommon for patients to reveal themselves by seeking treatment. No serum was administered in this case until symptoms appeared.

We have been somewhat annoyed here by boatmen stealing labels off baggage before the paste is dry and transferring them to baggage that has not been disinfected. This we have very effectually stopped by placing the seal of the disinfecting station half on the label and half on the trunk or other article which has been disinfected. Another practice which was attempted in the beginning was for a trunk to be brought down empty and after having been disinfected to have its contents, which had been removed prior to disinfection, replaced. A label placed over the seam of the trunk in such manner as to make it impossible to open the trunk without breaking the label stopped this practice in its infancy. Perhaps the most annoying practice was that of ships' officers receiving on board baggage which bore no label whatever. At the request of Doctor Castro Gutierrez, who conceived the idea, Doctor Arce secured an instruction to the customs officials to intercept all baggage not bearing a proper label before it left the dock. This practice has been in operation for several months and is very effective.

In disinfecting baggage we have occasionally encountered mice concealed in boxes or trunks, and yesterday a rat was so found. The articles carried by the average steerage passenger here are peculiarly liable to convey infection on account of their nature and condition, it being not unusual to find a vessel destined to receive human excreta as a part of such passengers' equipments, nor are such vessels always properly cleansed after use.

The steamship *Limari* arrived here on April 1, ten days out from Valparaiso, having had 30 new men, who were shipped in that port, vaccinated on leaving. I examined the arms of these men, and there was not a single positive result. I do not believe that they were all immune. So many reports have reached me concerning the inefficiency of vaccination as practiced in Chile that in the light of a continued increase in the number of cases of smallpox, and an occurrence such as I have noted on the *Limari*, I am led to believe that there may be some truth in these reports.

Bills of health from Iquique dated April 4 bear the following indorsement: "No infectious disease declared at this port, but cases of suspected infectious disease are under observation." Private advices state that cases of plague continue to occur in Iquique. Bills of health from Arica dated April 5 give 8 cases of plague and 2 deaths during the two weeks immediately preceding.

Among the causes of death in Lima during the two weeks ended March 15 I note the following: Tuberculosis, 28; smallpox, 1; plague, 3; enteric fever, 4; estimated population, 120,000.

I am indebted to the health officer, Lima, for the official report of the number of cases of plague embodied in this report.

PHILIPPINE ISLANDS.

Report on lepers living in the various provinces of the islands.

[From the report of board of health for month of March, 1905.]

| Province. | Race. | Number of males. | Number of females. | Children. | | Single. | | Married. | | Widowers. | Widows. | Total. |
|-----------------------------|----------|------------------|--------------------|-----------|----|---------|-----|----------|-----|-----------|---------|--------|
| | | | | M. | F. | M. | F. | M. | F. | | | |
| Abra..... | Filipino | 9 | 5 | 1 | 4 | 3 | 4 | 2 | | | | 14 |
| Albay..... | do | 26 | 23 | 3 | 4 | 15 | 13 | 6 | 3 | 2 | 3 | 49 |
| Ambos Camarines..... | do | 72 | 22 | 6 | 1 | 37 | 10 | 23 | 9 | 6 | 2 | 94 |
| Antique..... | do | 69 | 48 | 13 | 14 | 20 | 15 | 21 | 15 | 6 | 4 | 108 |
| Bataan..... | do | 13 | 5 | 1 | 9 | 1 | 3 | 1 | | 1 | 2 | 18 |
| Batangas..... | do | 18 | 11 | 1 | 14 | 4 | 3 | 3 | | 1 | 4 | 29 |
| Benguet ^a | do | 32 | 11 | 1 | 1 | 1 | 21 | 10 | | 9 | | 43 |
| Bohol..... | do | 78 | 55 | 5 | 3 | 34 | 39 | 35 | 12 | 4 | 1 | 133 |
| Bulacan..... | do | 24 | 13 | 1 | 9 | 7 | 12 | 6 | | 2 | | 37 |
| Cagayan..... | do | 47 | 50 | 1 | 23 | 16 | 19 | 21 | 4 | | 13 | 97 |
| Capiz..... | do | 37 | 14 | 1 | 18 | 10 | 16 | 4 | | 2 | | 51 |
| Cavite..... | do | 44 | 25 | 1 | 29 | 17 | 11 | 4 | | 4 | 3 | 69 |
| Cebu..... | do | 672 | 374 | | | | | | | | | 1,046 |
| Ilocos Norte..... | do | 69 | 41 | | 25 | 24 | 36 | 12 | | 8 | 8 | 113 |
| Ilocos Sur..... | do | 140 | 78 | 13 | 2 | 65 | 44 | 46 | 18 | 16 | 14 | 218 |
| Iloilo..... | do | 80 | 29 | 4 | 1 | 44 | 13 | 26 | 8 | 6 | 7 | 109 |
| Isabela..... | do | 11 | 6 | | 3 | | 7 | 3 | | 1 | 3 | 17 |
| La Laguna..... | do | 16 | 7 | 1 | 2 | 6 | 3 | 6 | 1 | 3 | 1 | 23 |
| Lepanto-Bontoc..... | do | 15 | 4 | 1 | 5 | 1 | 8 | | | 1 | 3 | 19 |
| Leyte..... | do | 50 | 41 | 1 | 3 | 26 | 27 | 20 | 7 | 3 | 4 | 91 |
| Masbate..... | do | 13 | 11 | 1 | 6 | 4 | 3 | 5 | | 3 | 2 | 24 |
| Mindanao ^a | Moro | 143 | 77 | 3 | 3 | 86 | 41 | 45 | 18 | 9 | 12 | 220 |
| Misamis..... | Filipino | 26 | 10 | 3 | 17 | 5 | 12 | 2 | | 4 | 3 | 46 |
| Negros Occidental..... | do | 22 | 8 | 2 | 2 | 9 | 6 | 10 | | 1 | | 30 |
| Negros Oriental..... | do | 67 | 53 | 4 | 27 | 23 | 35 | 21 | | 1 | 9 | 120 |
| Nueva Ecija..... | do | 38 | 15 | 1 | 17 | 16 | 14 | 5 | | 6 | 4 | 53 |
| Nueva Vizcaya..... | do | 2 | 4 | | 1 | | 1 | 2 | | | 2 | 6 |
| Pampanga..... | do | 7 | 7 | | 3 | 5 | 3 | 2 | | 1 | | 14 |
| Pangasinan..... | do | 33 | 23 | 1 | 10 | 4 | 19 | 14 | | 4 | 4 | 53 |
| Rizal..... | do | 47 | 20 | 1 | 2 | 26 | 10 | 19 | 6 | 1 | 2 | 67 |
| Romblon..... | do | 4 | 10 | | 1 | 3 | 3 | 4 | | | 4 | 14 |
| Samar..... | do | 143 | 115 | 1 | 43 | 50 | 74 | 43 | | 26 | 21 | 258 |
| San Lazaro..... | do | 131 | 90 | 23 | 11 | 70 | 44 | 26 | 19 | 12 | 16 | 221 |
| Sorsogon..... | do | 83 | 34 | 1 | 41 | 18 | 38 | 6 | | 4 | 9 | 117 |
| Surigao ^a | do | | 1 | | | | | | | | 1 | 1 |
| Tarlac..... | do | 15 | 7 | 1 | 2 | 4 | 11 | 2 | | 1 | 1 | 22 |
| Tayabas..... | do | 15 | 5 | | 2 | 3 | 11 | 1 | | 2 | 1 | 20 |
| Union..... | do | 30 | 14 | | 10 | 10 | 17 | 4 | | 3 | | 44 |
| Zambales ^a | do | 60 | 35 | 2 | 30 | 15 | 24 | 15 | | 4 | 5 | 95 |
| Total..... | | 2,402 | 1,404 | 93 | 54 | 788 | 501 | 688 | 307 | 161 | 168 | 3,806 |

^a Revised reports not received.